Operating instructions

Freezer

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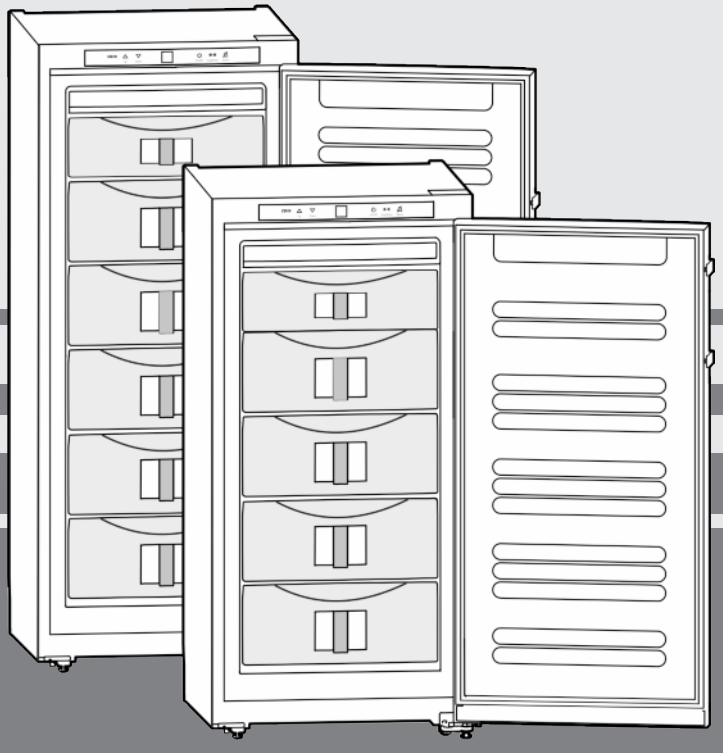

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The manufacturer works constantly on the further development of all the types and models. Therefore please understand that we have to reserve the right to make design, equipment and technical modifications.

To get to know all the benefits of your new appliance, please read the information contained in these instructions carefully.

The instructions apply to several models. Differences may occur. Text relating only to specific appliances is marked with an asterisk (*).

Instructions for action are marked with a ▶, the results of action are marked with a ▷.

1 Appliance at a glance

1.1 Description of appliance and equipment

Note

▶ Shelves, drawers and baskets are arranged for optimum energy efficiency on delivery.

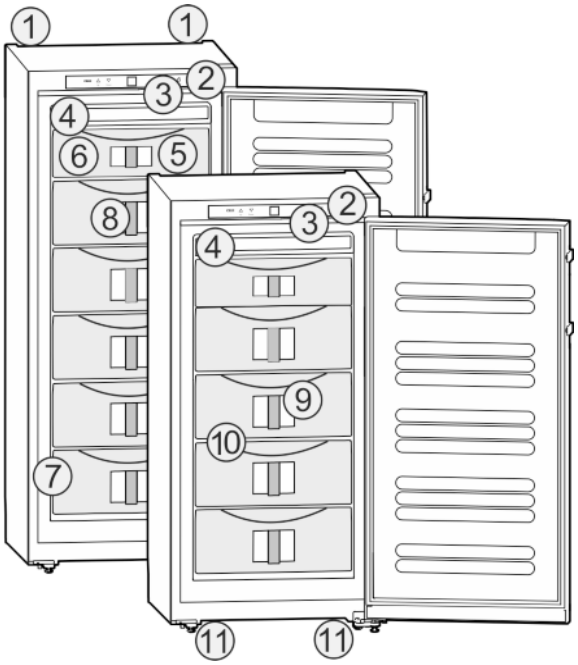


Fig. 1

(1) Transport grips at back
(2) Operating and control elements
(3) LED interior light
(4) NoFrost
(5) Drawer for herbs and berries
(6) Cold storage accumulator
(7) Type plate
(8) Drawers
(9) Information system
(10) VarioSpace
(11) Adjustable feet, transport grips at front, transport castors at back

1.2 Range of appliance use

The appliance is suitable solely for cooling food in a domestic environment or similar. This includes use in, for example

- in staff kitchenettes, bed and breakfast establishments,
- by guests in country homes, hotels, motels and other forms of accommodation,
- in catering and similar services in the wholesale trade

Use the appliance solely as is customary within a domestic environment. All other types of use are inadmissible. The appliance is not suitable for storing and cooling medicines, blood plasma, laboratory preparations or similar substances and products covered by the 2007/47/EC Medical Devices Directive. Misuse of the appliance can result in the stored products suffering harm or perishing. Furthermore,

the appliance is not suitable for operation in potentially explosive atmospheres.

The appliance is set to operate within specific ambient temperature limits according to its climate rating. The correct climate rating for your appliance is indicated on the type plate.

Note

▶ Compliance with the ambient temperatures indicated is required, otherwise the cooling performance is reduced.

Climate rating	for ambient temperatures
SN, N	up to 32 °C
ST	up to 38 °C
T	up to 43 °C

The appliance will function properly in ambient temperatures of down to 5 °C.

1.3 Conformity

The refrigerant circuit is tested for leakage. The appliance complies with the relevant safety regulations and EC Directives 2006/95/EC, 2004/108/EC, 2009/125/EC and 2010/30/EU.

Note for test institutions:

Tests are to be carried out according to the applicable standards and guidelines.
Preparation and testing of the appliances must be carried out taking the **manufacturer's loading plans** and the **notes in the operating manual** into account.

1.4 External dimensions of the appliance

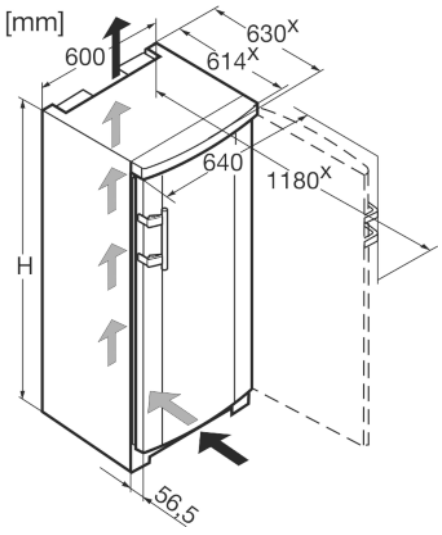


Fig. 2

	H (mm)
GNP 1956	1250
GNP 2356	1447

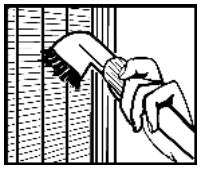
x For appliances supplied with wall spacers, the measurement increases by 35 mm (see 4.2) .

1.5 Saving energy

- Always ensure good ventilation. Do not cover ventilation openings or grille.
- Do not place appliance in areas of direct sunlight or next to a stove, heater or similar object.
- The energy consumption depends on the installation conditions, e.g. the ambient temperature (see 1.2) .
- Keep the time the appliance is open to a minimum.
- The lower the temperature setting, the higher the power consumption.
- Store food logically. (see Appliance at a glance).
- Ensure that all food is well packed and covered for storage. This will prevent frost from forming.
- First cool warm food to room temperature before storing it .

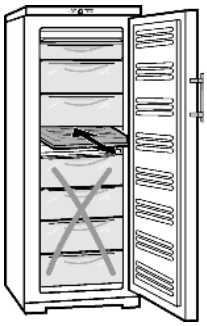
Accumulated dust increases the energy consumption:

- Once a year, dust the refrigerating unit together with the metal grille of the heat exchanger at the back of the appliance.



1.6 Insulation plate

The insulation plate for part-load operation is available as an accessory from specialist dealers.
If you do not store much food in the appliance, you can reduce the power consumption by as much as 50 % by using the insulation plate. Up to 5 drawers can be de-energised, depending on model. At least 3 drawers are necessary for cooling. More information accompanies the insulation plate.

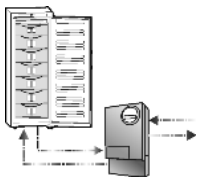


1.7 HomeDialog

Depending on model and options, the HomeDialog system can be used to network a number of Liebherr appliances (situated, for example, in the basement) with a main appliance (sited, for example, in the kitchen) and control them via the latter. You will find more information on the benefits, requirements and principle of operation on the internet at www. liebherr.com.

1.8 SmartGrid*

Depending on model and options, your appliance is prepared for the advanced "SmartGrid" technology.



SmartGrid is a future option for reducing household electricity costs via an intelligent meter supplied by the energy provider. In the event of surplus energy being generated, for instance, by regenerative sources, households are supplied with low-cost electricity. SmartGrid-ready upright freezers are prepared for this future technology. With an appropriate additional module, you will be in a position to optimise your electricity costs.

For more information about the benefits, requirements and operating principle visit the homepage of your energy provider and www.liebherr.com.

2 General safety information

Danger for the user:

- This appliance can be used by children of 8 years old and over, and also by persons with restricted physical, sensory or mental capacity or lack of experience and knowledge, if they are supervised or have been instructed on safe use of the appliance and understand the resulting risks. Children must not be allowed to play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- In the event of a fault pull out the mains plug or deactivate the fuse.
- Do not damage the mains power cable. Do not operate the appliance with a defective mains power cable.
- Have any repairs to or intervention in the appliance, and any change of the mains power cable, carried out by the customer service only or by other specialised personnel trained for the purpose.
- Only assemble, connect and dispose of the appliance according to the instructions.
- Please keep these instructions in a safe place and pass them on to any subsequent owners.
- Special-purpose lamps (incandescent lamps, LEDs, fluorescent tubes) in the appliance serve to illuminate the appliance interior and are not suited for room illumination.

Fire hazard:

- The refrigerant R 600a is environmentally friendly but flammable. Escaping refrigerant may ignite.
  - Do not damage the refrigerant circuit pipes.
  - Do not allow naked flames or ignition sources to enter the appliance.
  - Do not use any electrical appliances in the interior (e.g. steam cleaners, heaters, ice cream maker etc.).
  - If refrigerant escapes: remove any naked flames or sources of ignition from the leakage area. Ventilate the room well. Notify the after-sales service.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. To identify these spray cans, look for the list of contents printed on the can, or a flame symbol. Gases possibly escaping may ignite due to electrical components.
- Keep burning candles, lamps and other items with naked flames away from the appliance so that they do not set the appliance on fire.
- Please be sure to store alcoholic drinks or other packaging containing alcohol in tightly closed containers. Any alcohol that leaks out may be ignited by electrical components.

Danger of tipping and falling:

- Do not misuse the plinth, drawers, doors etc. as a step or for support. This applies particularly to children.

Danger of food poisoning:

- Do not consume food which has been stored too long.

Danger of frostbite, numbness and pain:

- Avoid lasting skin contact with cold surfaces or refrigerated/frozen food or take protective steps, e.g. wear gloves. Do not consume ice cream, water ice or ice cubes immediately and do not consume them too cold.

Danger of injury and damage:

- Hot steam can lead to injury. Do not use electrical heating or steam cleaning equipment, open flames or defrosting sprays to defrost.
- Do not use sharp implements to remove the ice.

Please observe the specific information in the other sections:

	DANGER	identifies a situation involving direct danger which, if not obviated, may result in death or severe bodily injury.
	WARNING	identifies a dangerous situation which, if not obviated, may result in death or severe bodily injury.
	CAUTION	identifies a dangerous situation which, if not obviated, may result in minor or medium bodily injury.
	NOTICE	identifies a dangerous situation which, if not obviated, may result in damage to property.

	Note	identifies useful information and tips.

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3 Controls and displays

3.1 Operating and control elements

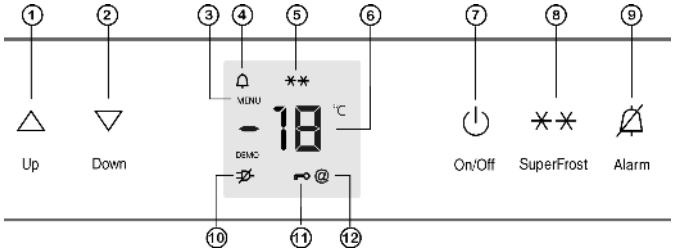


Fig. 3

(1) Up setting button
(2) Down setting button
(3) Menu symbol
(4) Alarm symbol
(5) SuperFrost symbol
(6) Temperature display
(7) On/Off button
(8) SuperFrost button
(9) Alarm button
(10) Power failure symbol
(11) Child-proofing symbol
(12) HomeDialog symbol

3.2 Temperature display

The following are displayed in normal operation:

- the warmest freezing temperature

The temperature display flashes:

- the temperature setting is being changed
- after switch-on the temperature is not yet cold enough
- the temperature has risen several degrees

Dashes flash in the display:

- the freezer temperature is above 0 °C.

The following displays indicate malfunction. Possible causes and corrective action (see Malfunction).

- F0 to F9
- The power failure symbol flashes.

4 Putting into operation

4.1 Transporting the appliance

CAUTION
Risk of injury and danger of damage as a result of incorrect transport!
▶ Transport the appliance in a packed condition.
▶ Transport the appliance upright.
▶ Do not transport the appliance without assistance.

4.2 Installing the appliance

WARNING
Fire hazard due to dampness!
If live parts or the mains lead become damp this may cause short circuits.
▶ The appliance is designed for use in enclosed areas. Do not operate the appliance outdoors or in areas where it is exposed to splash water or damp conditions.

WARNING
Risk of fire due to short circuit!
If the mains cable/connector of the appliance or of another appliance touch the rear of the appliance, the mains cable/connector may be damaged by the appliance vibrations, leading to a short circuit.
▶ Stand the appliance so that it is not touched by connectors or main cables.
▶ Do not plug the appliance or any others into sockets located near the rear of the appliance.

WARNING
Fire hazard due to refrigerant!
The refrigerant R 600a is environmentally friendly but flammable. Escaping refrigerant may ignite.
▶ Do not damage the piping of the refrigeration circuit.

WARNING
Fire hazard and danger of damage!
▶ Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

WARNING
Blocked ventilation openings pose a risk of fire and damage!
▶ Always keep the ventilation openings clear. Always ensure that the appliance is properly ventilated!

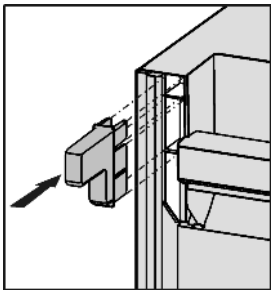
NOTICE
Risk of damage due to condensate!
▶ Do not install the appliance directly alongside a further refrigerator/freezer.

❑ In the event that the appliance is damaged, contact the supplier immediately before connecting to the mains.
❑ The floor at the site must be flat and level.
❑ Do not install the appliance in a location where it is exposed to direct radiation of the sun, next to a cooker, heater and similar.
❑ The ideal installation site is a dry, well ventilated room.
❑ Always stand the appliance backed directly to the wall using the enclosed wall spacers (see below).
❑ The appliance may be moved only when it is empty.
❑ Do not install the appliance without assistance.
❑ Standard EN 378 specifies that the room in which you install your appliance must have a volume of 1 m^2 per 8 g of R 600a refrigerant used in the appliance. If the room in which the appliance is installed is too small, a flammable gas-air mixture may form in the event of a leakage in the refrigeration circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of the appliance.

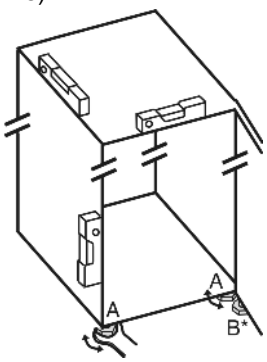
▶ Detach the connecting cable from the rear of the appliance, removing the cable holder at the same time because otherwise there will be vibratory noise!
▶ Remove all transit supports.

The spacers supplied with some appliances must be used to achieve the stated energy consumption. These will extend the depth of the appliance by approx. 35 mm. The appliance is fully functional if the spacers are not used, but does have a slightly higher energy consumption.

▶ In the case of an appliance with enclosed wall spacers, mount the wall spacers on the back of the appliance at the top left and right.



▶ Dispose of packaging material (see 4.5) .
▶ Align the appliance so that it stands firmly and on a level by applying the accompanying spanner to the adjustable-height feet (A) and using a spirit level.



Note
▶ Clean the appliance (see 6.2) .

If the appliance is installed in a very damp environment, condensate may form on the outside of the appliance.
▶ Always see to good ventilation at the installation site.

4.3 Changing over the door hinges

You can change over the door hinges if necessary.

Ensure that the following tools are to hand:

❑ Torx 25
❑ Torx 15
❑ Open-ended spanner size 6
❑ Screwdriver
❑ Open-ended spanner included in supply package
❑ Second person for fitting work, if needed

CAUTION
Risk of injury if the door tips!
▶ Take good hold of the door.
▶ Set down the door carefully.

▶ Unscrew the securing screw on the bottom right turn hinge.
▶ Open the door.
▶ Hold the door on the handle side and at the bottom and lift it.
▷ The bearing pin *Fig. 4 (21)* should come out of the turn hinge *Fig. 5 (2)*.
▶ If the bearing pin *Fig. 4 (21)* does not come out, press the pin out from underneath.

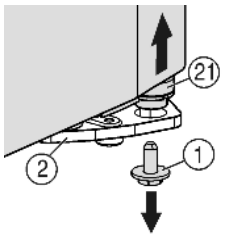


Fig. 4

▶ Swing door out at the bottom and remove it.

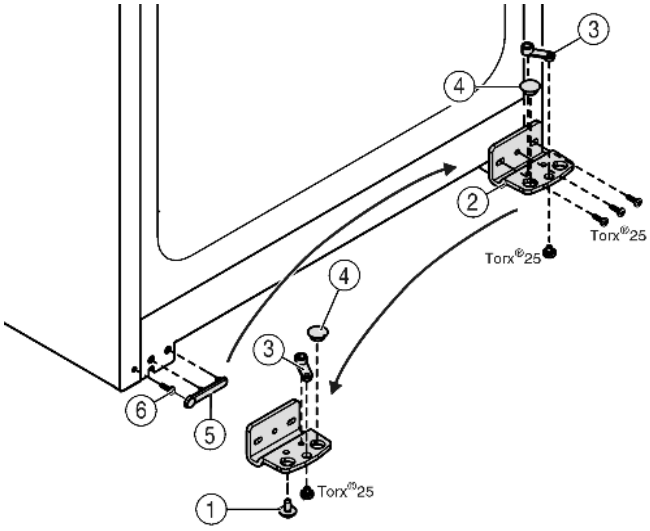


Fig. 5

▶ Unscrew the turn hinge *Fig. 5 (2)*.
▶ Unscrew the bearing element, *Fig. 5 (3)* transfer it to the opposite location hole of the turn hinge and screw it firmly into place.
▶ Take the stopper *Fig. 5 (4)* out of the turn hinge and transfer it to the receiving hole on the opposite side of the turn hinge.
▶ Carefully lift off the cover *Fig. 5 (5)* on the handle side.
▶ Undo the screw *Fig. 5 (6)* and transfer it to the opposite side.
▶ Put the cover *Fig. 5 (5)* back on.
▶ Screw the turn hinge *Fig. 5 (2)* firmly into place on the new hinge side **(with 4 Nm)**, possibly using a power screwdriver.

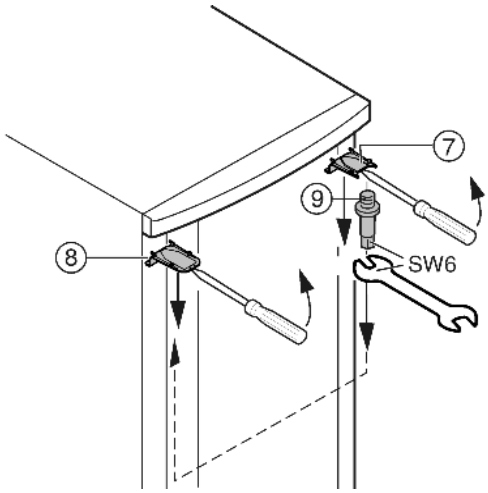


Fig. 6

▶ At the top, use a screwdriver to unclip cover *Fig. 6 (7)* and cover *Fig. 6 (8)* at the front, and remove by pulling out and down.
▶ Unscrew the bearing pin *Fig. 6 (9)* and screw it firmly into place on the opposite side **(with 4 Nm)**.
▶ Refit the cover *Fig. 6 (7)* on the side of the bearing pin: insert at the back, snap in at the front.
▶ Fit the cover *Fig. 6 (8)* on the opposite side: insert at the back, snap in at the front.

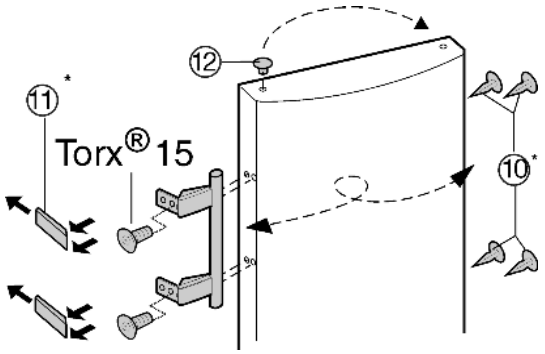


Fig. 7

- ▶ Lift the stopper *Fig. 7 (12)* out of the door bearing bush and transfer it.
- ▶ Detach door handle, stoppers *Fig. 7 (10)* and pressure plates *Fig. 7 (11)* and transfer to the opposite side.
- ▶ When mounting the pressure plates, make sure they snap into place properly.
- ▶ Transfer the spring clamp *Fig. 8 (20)*: Depress the latch nose and pull the spring clamp off over it.
- ▶ Slide the spring clamp into place on the new hinge side until it clicks into place.
- ▶ Pull the bearing pin *Fig. 8 (21)* out of the door bush and transfer it to the opposite side together with the washer. The latch nose must point to the inner side of the door, the notch to the outer side.

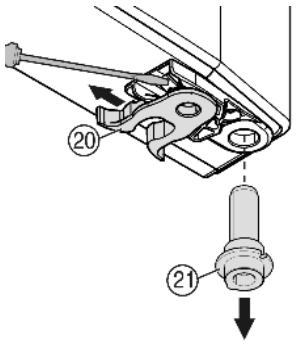


Fig. 8

- ▶ Hang the door on the bearing pin *Fig. 6 (9)* at the top.
- ▶ Swing the door in at the bottom and insert the bearing pin *Fig. 8 (21)* into the turn hinge. If necessary, turn the bearing pin until it snaps into place.
- ▶ Insert the securing screw *Fig. 4 (1)* at the bottom into the bearing pin and tighten it **(with 4 Nm)**.
- ▶ If necessary, align the door flush with the appliance housing using the two slots in the turn hinge. To do so, unscrew the middle screw.

WARNING

Risk of injury due to the door dropping out!

If the bearing parts are not screwed into place firmly enough, the door may drop out. This may lead to severe injuries. What is more, the door may not close and therefore the appliance may fail to cool properly.

- ▶ Screw on the bearing brackets/bearing pins tightly (4 Nm).
- ▶ Check all of the screws and retighten if necessary.

4.4 Insertion into a row of kitchen units

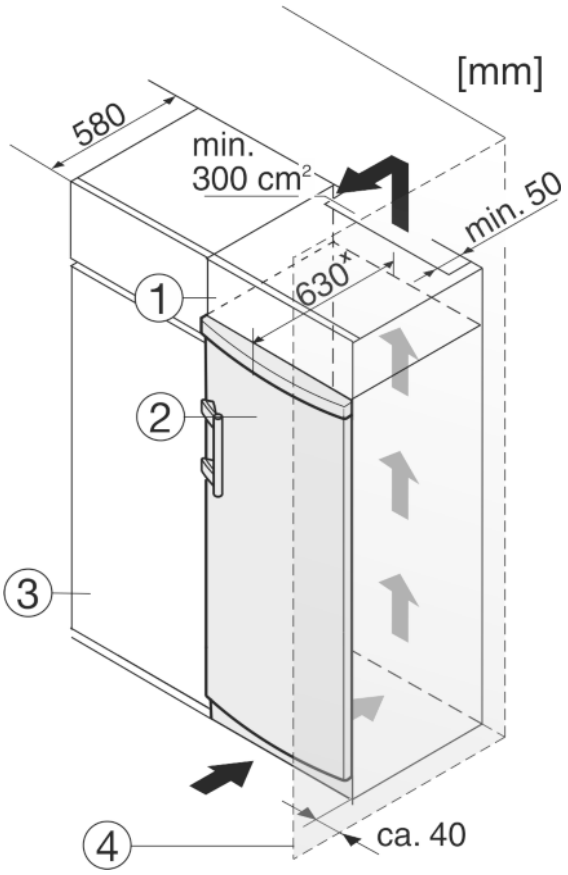


Fig. 9

(1) Stack cabinet
(2) Appliance
(3) Kitchen cabinet
(4) Wall

x For appliances supplied with wall spacers, the measurement increases by 35 mm (see 4.2) .

The appliance can be inserted into a row of kitchen units. To match the appliance *Fig. 9 (2)* to the height of the row of units, a suitable stack cabinet *Fig. 9 (1)* can be fitted above the appliance.

When installing with kitchen units (max. depth 580 mm), the appliance can be positioned directly next to the kitchen cabinet *Fig. 9 (3)*. The appliance will project by 34 mmx at the sides and 50 mmx in the centre of the appliance in relation to the kitchen cabinet front.

Important for the ventilation:

- At the back of the stack cabinet there has to be a ventilation duct of at least 50 mm depth throughout the width of the stack cabinet.
- The ventilation space under the ceiling has to be at least 300 cm².
- the larger the ventilation space, the more energy-saving the appliance is in operation.

If the appliance is installed with the hinges next to a wall *Fig. 9 (4)*, the distance between appliance and wall has to be at least 40 mm. This corresponds to the projection of the handle when the door is open.

4.5 Disposing of packaging

WARNING

Danger of suffocation due to packing material and plastic film!

- ▶ Do not allow children to play with packing material.

The packaging is made of recyclable materials:

- corrugated board/cardboard
- expanded polystyrene parts
- polythene bags and sheets
- polypropylene straps
- nailed wooden frame with polyethylene panel*

▶ Take the packaging material to an official collecting point.

4.6 Connecting the appliance

NOTICE
Risk of damage to the electronic control system!
▶ Do not use stand-alone inverters (conversion of d.c. to a.c./ three-phase) or energy saving plugs.

WARNING
Fire and overheating hazard!
▶ Do not use extension cables or multiple socket outlets.

The type of current (alternating current) and voltage at the installation site have to conform with the data on the type plate (see Appliance at a glance).

The socket must be properly earthed and fused. The tripping current for the fuse must be between 10 A and 16 A.

The socket must be easily accessible so that the appliance can be quickly disconnected from the supply in an emergency. It must be outside the area of the rear of the appliance.
▶ Check the electrical connection.
▶ Plug in the power plug.

4.7 Switching on the appliance

Switch on the appliance approx. 2 hours before adding frozen food for the first time.

Do not load food to be frozen before the temperature display reads -18 °C.

▶ Press On/Off button *Fig. 3 (7)*.
▷ The temperature display and the alarm symbol flash until the temperature is sufficiently low. If the temperature is above 0 °C, dashes flash. If it is below, the current temperature flashes.
▷ The interior light is on when the door is open.
▷ If “DEMO” is displayed, demo mode is activated. Please contact the after sales service.

5 Control

5.1 Brightness of the temperature display

You can adjust the brightness of the temperature display to the light conditions of the room in which the appliance is installed.

5.1.1 Adjusting the brightness

The brightness is adjustable between h0 (no illumination) and h5 (maximum luminosity).
▶ To activate setting mode: press the SuperFrost button *Fig. 3 (8)* for approx. 6 seconds.
▷ The display indicates c.
▷ The menu symbol *Fig. 3 (3)* shines.
▶ Using the Up setting button *Fig. 3 (1)* or Down setting button, *Fig. 3 (2)*, select h.
▶ To confirm: briefly press the SuperFrost button *Fig. 3 (8)*.
▶ To make the display brighter: press Up button *Fig. 3 (1)*.
▶ To make the display darker: press Down button *Fig. 3 (2)*.

▶ To confirm: press SuperFrost button *Fig. 3 (8)*.
▷ The brightness is adjusted to the new value.
▶ To deactivate the set-up mode: press On/Off button *Fig. 3 (7)*.
-or-
▶ Wait for 5 minutes.
▷ The temperature is indicated again in the temperature display.

5.2 Child proofing

The child-proofing function enables you to make sure that the appliance is not inadvertently switched off by playing children.

5.2.1 Setting the child lock function

▶ To activate setting mode: press the SuperFrost button *Fig. 3 (8)* for approx. 6 seconds.
▷ c flashes on the display.
▷ The menu symbol *Fig. 3 (3)* shines.
▶ Briefly press the SuperFrost button *Fig. 3 (8)*.to confirm.
When cl is indicated in the display:
▶ Tto activate the child lock, briefly press the SuperFrost button *Fig. 3 (8)*.

▷ The child lock symbol *Fig. 3 (11)* shines. c flashes in the display.
When c0 is indicated in the display:
▶ to deactivate the child lock, briefly press the SuperFrost button *Fig. 3 (8)*.
▷ The child lock symbol *Fig. 3 (11)* goes out. c flashes in the display.
▶ To deactivate the set-up mode: press On/Off button *Fig. 3 (7)* .
-or-
▶ Wait for 5 minutes.
▷ The temperature is indicated again in the temperature display.

5.3 Door alarm

If the door is open for longer than 60 seconds, the audible warning will sound.

The audible alarm is automatically silenced when the door is closed.

5.3.1 Muting the door alarm

The audible alarm can be muted when the door is open. The sound switch-off function is active as long as the door is left open.
▶ Press alarm button *Fig. 3 (9)*.
▷ The door alarm is silenced.

5.4 Temperature alarm

The audible alarm sounds if the freezer temperature is not cold enough.

The temperature display and the alarm symbol *Fig. 3 (4)* flash at the same time.

The cause of the temperature being too high may be:

- warm fresh food was placed inside
- too much warm ambient air flowed in when rearranging and removing food
- power failure for some time
- the appliance is faulty

The audible alarm is automatically silenced, the alarm symbol *Fig. 3 (4)* goes out and the temperature display stops flashing when the temperature is sufficiently cold again.

If the alarm status persists: (see Malfunction).

Note
Food may be spoilt if the temperature is not cold enough.
▶ Check the quality of the food. Do not consume spoiled food.

5.4.1 Muting the temperature alarm

The audible alarm can be muted. When the temperature is sufficiently cold again, the alarm function is active again.
▶ Press alarm button *Fig. 3 (9)*.
▷ The audible alarm is silenced.

5.5 Freezing food

The rating plate indicates the maximum quantity of fresh food you can freeze within 24 hours (see Appliance at a glance) under “Freezing capacity ... kg/24h”.

The maximum load of frozen food for the drawers is 25 kg each and for the shelves 35 kg each.

CAUTION
Risk of injury due to broken glass!
Bottles and cans containing drinks may burst when being frozen. This applies particularly to sparkling drinks.
▶ Do not freeze bottles and cans containing drinks!

In order that the food is rapidly frozen through to the core, do not exceed the following quantities per pack:

- Fruit, vegetables up to 1 kg
- Meat up to 2.5 kg

▶ Pack the food in portions in freezer bags, reusable plastic, metal or aluminium containers.

5.6 Thawing food

- at room temperature
- in a microwave oven
- in a conventional or fan oven

▶ Remove only as much food as is required. Use thawed food as quickly as possible.
▶ Food once thawed should be re-frozen only in exceptional cases.

5.7 Setting the temperature

The appliance is pre-set for normal operation.

The temperature can be set between -14 °C and -28 °C, the recommended temperature is -18 °C.
▶ Set temperature to be warmer: press Up setting button *Fig. 3 (1)* until the temperature in the display flashes. Release button.
▶ Set temperature to be cooler: press Down setting button *Fig. 3 (2)* until the temperature in the display flashes. Release button.
▷ The previous value is indicated in the temperature display.
▶ To change the temperature in 1 °C steps: briefly press the button.
-or-
▶ To change the temperature continuously: hold down the button.
▷ The value is displayed flashing during the setting operation.
▷ The actual temperature is displayed approx. 5 seconds after the button is last pressed. The temperature gradually adjusts to the new value.

5.8 SuperFrost

With this function you can freeze fresh food quickly through to the core. The appliance operates with maximum refrigeration. The noise of the refrigeration unit may be temporarily louder as a result.

In addition, frozen food already in storage is given a “cold reserve”. The food stays frozen longer as a result when you defrost the appliance.

The maximum amount of fresh food which can be frozen in 24 h is indicated on the type plate under “freezing capacity ... kg/24h”. This amount varies according to the model and climate rating.

You have to activate SuperFrost in good time, depending on how much fresh food is to be frozen: about 6 hours before placing the food inside in case of small amounts and about 24 hours in advance in case of the maximum amount of food to be frozen.

Wrap produce and spread it out as far as possible. Do not allow produce to be frozen to touch produce that is already frozen to prevent the latter thawing.

You do not have to activate SuperFrost in the following cases:

- when placing frozen food in the freezer
- when freezing up to approx. 2 kg fresh food daily

5.8.1 Freezing with SuperFrost

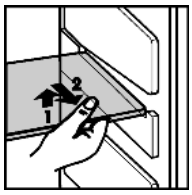
▶ Press SuperFrost button *Fig. 3 (8)* until the symbol ✳✳ is displayed. Release button.
▷ The freezing temperature drops, the appliance operates with the maximum cooling capacity.
For a smaller quantity of produce to be frozen:
▶ wait approx. 6 h.
▶ Place wrapped produce in the deep bottom drawers.
For the maximum quantity of produce to be frozen:
▶ wait approx. 24 h.
▶ Remove the deep bottom drawers and place produce directly on the bottom shelves.
▷ SuperFrost is automatically deactivated. Depending on the quantity placed inside, after 30 h at the earliest, 65 h at the latest.
▷ The SuperFrost symbol *Fig. 3 (5)* extinguishes once freezing is completed.
▶ Place produce in the drawers and push the latter back in again.
▷ The appliance continues to operate in the energy-saving, normal mode.

5.9 Drawers

Note
The energy consumption increases and the cooling performance decreases if there is insufficient ventilation.
For appliances with NoFrost:
▶ Leave the bottom drawer in the appliance!
▶ Always keep the air slits of the fan free at the rear wall!

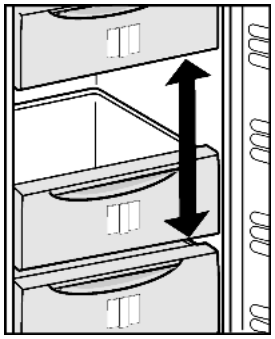
▶ To store frozen food directly on the shelves: pull the drawer forwards and lift it out.

5.10 Shelves



▶ To remove the shelf: lift up at the front and pull out.
▶ To put the shelf back: simply push in as far as it will go.

5.11 VarioSpace



Apart from being able to remove the drawers, you can also remove the shelves, creating space for large items of frozen food. Poultry, meat, large pieces of game and high bakery products can be frozen in one piece and prepared.
▶ The maximum load of frozen food for the drawers is 25 kg each and for the shelves 35 kg each.

5.12 Information system

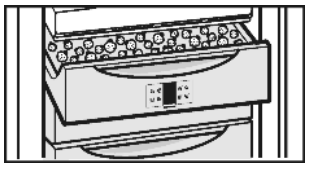
Fig. 10

(1) Ready-made meals, ice cream
(2) Pork, fish
(3) Fruit, vegetables
(4) Sausages, bread
(5) Game, mushrooms
(6) Poultry, beef/veal

5.13 Drawer for herbs and berries

In the drawer for herbs and berries you can freeze, berries, herbs, vegetables and other small items of food without them sticking together. Items being frozen will largely retain their shape, and it will be easier to remove exactly the right quantity later on.

5.13.1 Using the special drawer for herbs and berries

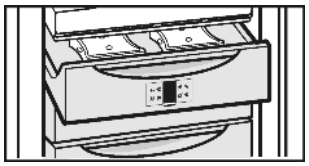


▶ Spread the items out loosely in the special drawer for herbs and berries.
▶ Allow the food to freeze through for 10 to 12 h.
▶ Transfer the frozen food to freezer bags or containers.
▶ Store freezer bags or containers in a drawer.
▶ To thaw the items, spead them out loosely again.

5.14 Cold storage accumulators

The cold storage accumulators prevent the temperature from rising too fast in the event of power failure.

5.14.1 Using cold storage accumulators



▶ Place the cold storage accumulators in the special drawer for herbs and berries to save space.
▶ Place the frozen cold storage accumulators on the frozen food in the upper front area of the freezer compartment.

6 Maintenance

6.1 Defrosting with NoFrost

The NoFrost system automatically defrosts the appliance.

The moisture condenses on the evaporator, is periodically defrosted and evaporates.
▶ The appliance does not have to be manually defrosted.

6.2 Cleaning the appliance

WARNING
Risk of injury and damage as a result of hot steam!
Hot steam can lead to burns and can damage the surfaces.
▶ Do not use any steam cleaners!

NOTICE
Incorrect cleaning damages the appliance!
▶ Do not use cleaning agents in concentrated form.
▶ Do not use any scouring or abrasive sponges or steel wool.
▶ Please do not use any aggressive, scouring, sand-, chloride-, chemical- or acid-based cleaning agents.
▶ Do not use chemical solvents.
▶ Do not damage or remove the type plate on the inside of the appliance. It is important for the customer service.
▶ Do not pull off, bend or damage cables or other components.
▶ Do not allow any cleaning water to enter the drain channel, ventilation grille or electrical parts.
▶ Please use soft cleaning cloths and a universal pH-neutral cleaning agent.
▶ Please use cleaning and care products suitable for contact with foodstuffs in the appliance interior.

▶ **Empty appliance.**
▶ **Pull out the power plug.**

▶ Clean **plastic outer and inner surfaces** with lukewarm water and a little washing-up liquid.

NOTICE
The **stainless steel doors** are finished with a high quality surface coating and must not be treated with the enclosed care product,

as otherwise the surface coating will be damaged.

- ▶ Please only use a soft clean cloth to wipe the **coated door surfaces**. In the case of heavy soiling, use a little water or neutral cleaning agent. A micro-fibre cloth can be used optionally.
- ▶ When soiled, clean **stainless steel side walls** with a commercially available stainless steel cleaning agent. Then apply the enclosed stainless steel care product evenly in the direction of polishing.
- ▶ Use only a soft clean cloth to wipe **side walls** and **door surfaces** with a paint finish. In the case of heavy soiling, use a little water or neutral cleaning agent. A micro-fibre cloth can be used optionally.

- ▶ Clean **items of equipment** by hand with lukewarm water and a little washing-up liquid.

After cleaning:
- ▶ Wipe dry the appliance and items of equipment.
- ▶ Connect the appliance and switch it on again.
- ▶ Switch on SuperFrost (see 5.8) .
  When the temperature is sufficiently cold:
- ▶ Put the food back inside.

6.3 Changing the interior light

Inside the appliance, an LED light is included as standard for interior lighting.

If an incandescent lamp is used:
- ❑ Use an incandescent light with a max. 15 W and E14 fighting.
- ❑ The type of current (alternating current) and voltage at the location where the appliance is set up must agree with the information on the type plate (see Appliance at a glance).

If an LED light is used:
- ❑ Only the manufacturer's original LED light may be used. The light is available through Customer Service or specialist dealers (see 6.4) .

WARNING
Risk of injury from LED light!
The light intensity of the LED lighting corresponds to laser class 1/1M.
If the cover is removed:
- ▶ Do not look directly into the light at close quarters through optical lenses. Doing so may damage your eyes.

WARNING
Fire hazard from the LED light!
If different LED lights are used, there is a danger of overheating or fire.
- ▶ Use the manufacturer's original LED light.

If the light is defective, exchange it as follows:

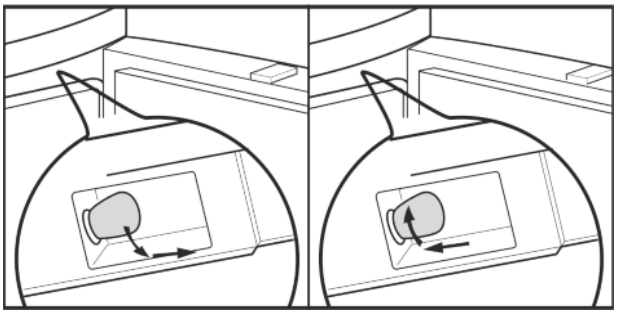


Fig. 11

- ▶ Switch off the appliance.
- ▶ Pull out the power plug or switch off the fuse.
- ▶ Exchange the light under the control panel according to illustration.

6.4 Customer service

First check whether you can correct the fault yourself by reference to the list (see Malfunction). If this is not the case, please contact the customer service whose address is given in the enclosed customer service list.

WARNING
Risk of injury if repair work is not carried out professionally!
- ▶ Have any repairs and action - not expressly specified - on the appliance and mains cable carried out by service personnel only. (see Maintenance)

- ▶ Read the appliance designation *Fig. 12 (1)*, service No. *Fig. 12 (2)* and serial No. *Fig. 12 (3)* off the type plate located inside the appliance on the left-hand side.

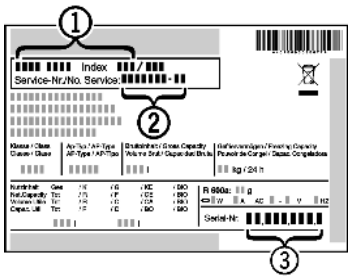


Fig. 12

- ▶ Notify the customer service, specifying the fault, appliance designation *Fig. 12 (1)*, service No. *Fig. 12 (2)* and serial No. *Fig. 12 (3)*.
- ▷ This will help us to provide you with a faster and more accurate service.
- ▶ Keep the appliance closed until the customer service arrives.
- ▷ The food will stay cool longer.
- ▶ Pull out the mains plug (not by pulling the connecting cable) or switch off the fuse.

7 Malfunction

Your appliance is designed and manufactured for a long life span and reliable operation. If a malfunction nonetheless occurs during operation, check whether it is due to a handling error. In this case you will have to be charged for the costs incurred, even during the warranty period. You may be able to rectify the following faults yourself:

Appliance does not work.
- → The appliance is not switched on.
- ▶ Switch on the appliance.
- → The power plug is not properly inserted in the wall socket.
- ▶ Check power plug.
- → The fuse of the wall socket is not in order.
- ▶ Check fuse.

The compressor runs for a long time.
→ The compressor switches to a low speed when little cold is needed. Although the running time is increased as a result, energy is saved.
▶ This is normal in energy-saving models.
→ SuperFrost is activated.
▶ The compressor runs for longer in order to rapidly cool the food. This is normal.

A LED on the bottom rear of the appliance (at the compressor) flashes regularly every 15 seconds*.
→ The inverter is equipped with a diagnostic LED.
▶ The flashing is normal.

Excessive noise.
→ Due to the various speed steps, speed-regulated* compressors can generate different running noises.
▶ The sound is normal.

A bubbling and gurgling noise.
→ This noise comes from the refrigerant flowing in the refrigeration circuit.
▶ The sound is normal.

A quiet clicking noise.
→ The noise is produced whenever the refrigeration unit (motor) automatically switches on or off.
▶ The sound is normal.

A hum. It is briefly a little louder when the refrigeration unit (the motor) switches on.
→ The refrigeration increases automatically when the SuperFrost, function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.
▶ The sound is normal.
→ The ambient temperature is too high.
▶ Solution: (see 1.2)

Vibratory noise.
→ The appliance is not fixed to the ground. The running of the cooling unit therefore makes objects and adjacent furniture vibrate.
▶ Adjust appliance via the height-adjustable feet.
▶ Move bottles and containers apart.

The temperature display indicates: F0 to F9
→ There is a fault.
▶ Please contact the after-sales service (see Maintenance).

Power failure flashes in the temperature display . The highest temperature reached during power failure is indicated in the temperature display.
→ The freezer temperature rose too high over the last hours or days due to a power failure or power interruption. When the power interruption is over, the appliance will continue to operate in the last temperature setting.
▶ To cancel the display of the warmest temperature: press alarm button *Fig. 3 (9)*.
▶ Check the quality of the food. Do not consume spoiled food. Do not re-freeze thawed food.

DEMO shines in the temperature display.
→ The demo mode is activated.
▶ Please contact the after-sales service (see Maintenance).

The outer surfaces of the appliance are warm*.
→ The heat of the refrigeration circuit is used to prevent condensate from forming.
▶ This is normal.

The temperature is not cold enough.
→ The door of the appliance is not properly closed.
▶ Close the door of the appliance.
→ Insufficient ventilation.
▶ Clear ventilation grilles.
→ The ambient temperature is too high.
▶ Solution: (see 1.2) .
→ The appliance was opened too frequently or for too long.
▶ Wait to see whether the appliance reaches the required temperature by itself. If not, please contact the after sales service (see Maintenance).
→ Too much fresh food was placed inside without SuperFrost.
▶ Solution: (see 5.8)
→ The temperature is incorrectly set.
▶ Set the temperature to a colder setting and check after 24 hours.
→ The appliance is too close to a source of heat (stove, heater etc).
▶ Change the position of the appliance or the source of heat.

The interior light is not on.
→ The appliance is not switched on.
▶ Switch on the appliance.
→ The door was open longer than 15 min.
▶ The interior light automatically switches off if the door has been open for about 15 min.
→ When the interior illumination does not work but the temperature display is lit, the illuminant (delivery with LED illuminant) is defective.

WARNING
Risk of injury from LED light!
The light intensity of the LED lighting corresponds to laser class 1/1M.
If the cover is removed:
▶ Do not look directly into the light at close quarters through optical lenses. Doing so may damage your eyes.

▶ Change the lighting (see Maintenance).

8 Decommissioning

8.1 Switching off the appliance

▶ Press the On/Off button *Fig. 3 (7)* until the display goes dark. Release button.
▷ If the appliance cannot be switched off, the child lock function is active (see 5.2) .

8.2 Taking the appliance out of service

▶ Empty the appliance.
▶ Pull out the power plug.
▶ Clean the appliance (see 6.2) .
▶ Leave the door open to prevent odour.

9 Disposing of the appliance

The appliance contains some reusable materials and should be disposed of properly - not simply with unsorted household refuse. Appliances which are no longer needed must be disposed of in a professional and appropriate way, in accordance with the current local regulations and laws.

When disposing of the appliance, ensure that the refrigeration circuit is not damaged to prevent uncontrolled escape of the refrigerant it contains (data on type plate) and oil.
▶ Disable the appliance.
▶ Pull out the plug.
▶ Cut through the connecting cable.

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